

	Application No.	Applicant(s)	
	10/737,186	SAXENA ET AL.	
Notice of Allowability .	Examiner	Art Unit	
	Vuthe Siek	. 2825	
The MAILING DATE of this communication app All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85 NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT R of the Office or upon petition by the applicant. See 37 CFR 1.31	(OR REMAINS) CLOSED in or other appropriate commiction is selection in the commiction in the committee of th	n this application. If not included unication will be mailed in due cou	ırse. THIS
1. $igspace$ This communication is responsive to <u>communication filed</u>	<u>3/26/07</u> .		
2. X The allowed claim(s) is/are 1, 5-17 and 19 (Renumbering	per 37 CFR 1.126).		
3. Acknowledgment is made of a claim for foreign priority u a) All b) Some* c) None of the: 1. Certified copies of the priority documents hav 2. Certified copies of the priority documents hav 3. Copies of the certified copies of the priority do International Bureau (PCT Rule 17.2(a)). * Certified copies not received: Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDON'THIS THREE-MONTH PERIOD IS NOT EXTENDABLE. 4. A SUBSTITUTE OATH OR DECLARATION must be subm INFORMAL PATENT APPLICATION (PTO-152) which giv 5. CORRECTED DRAWINGS (as "replacement sheets") mu (a) including changes required by the Notice of Draftsper 1) hereto or 2) to Paper No./Mail Date (b) including changes required by the attached Examiner Paper No./Mail Date Paper No./Mail Date Identifying indicia such as the application number (see 37 CFR each sheet. Replacement sheet(s) should be labeled as such in	e been received. e been received in Application occuments have been received of this communication to file MENT of this application. Initted. Note the attached EXA res reason(s) why the oath of the submitted. Son's Patent Drawing Review of Samendment / Comment of 1.84(c)) should be written on the submitted of the submitted.	on No d in this national stage application a reply complying with the requir AMINER'S AMENDMENT or NOT r declaration is deficient. w (PTO-948) attached r in the Office action of the drawings in the front (not the ba	ements
 DEPOSIT OF and/or INFORMATION about the depo attached Examiner's comment regarding REQUIREMENT 	osit of BIOLOGICAL MAT	ERIAL must be submitted. Note	e the
 Attachment(s) 1. ☐ Notice of References Cited (PTO-892) 2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948) 3. ☐ Information Disclosure Statements (PTO/SB/08),	6. ☐ Interview S Paper No. 7. ☐ Examiner's	formal Patent Application ummary (PTO-413), /Mail Date Amendment/Comment Statement of Reasons for Allowa	nce

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DETAILED ACTION

1. This office action is in response to application 10/737,186 and amendment filed on 3/26/2007. Claims 1, 5-17 and 19 remain pending in the application, where claims 2-4, 18 and 20 are canceled.

EXAMINER'S STATEMENT AS TO THE REASONS FOR ALLOWANCE

- 2. Claims 1, 5-17 and 19 are allowed over the prior art of record.
- The following is an examiner's statement of reasons for allowance: as to claims 1 3. and 5-9, the prior art of record does not teach or fairly suggest an automated method to result noise problem comprising the steps as recited in the claims mainly determining that the victim driver is took week for the victim line (meaning that a ratio of the total wiring switching cross-capacitance of the victim line to the total capacitance driven by the victim's driver is smaller than a pre-determined threshold value) along with the rest of claim limitations). As to claims 10-17 and 19, the prior art of record does not teach or fairly suggest an automated method to result noise problem comprising the steps as recited in the claims mainly determining that a victim line is subject to significant crosscapacitance coupling (meaning that a ratio of the total wiring switching crosscapacitance of the victim line to the total capacitance driven by the victim's driver is greater than a pre-determined threshold value) along with the rest of claim limitations) and a single aggressor is causing cross-capacitance coupling that significantly dominates the noise problem (meaning that a ratio of a coupled capacitance between that aggressor and the victim to the total capacitance driven the victim's driver is larger that a pre-determined threshold value) along with the rest of claim limitations.

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Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Vuthe Siek whose telephone number is (571) 272-1906. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jack Chiang can be reached on (571) 272-7483. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

/Vuthe Siek/.
Primary Examiner, A.U. 2825